

PI 517040 to 517045. *Scorpiurus muricatus* L. FABACEAE

**Donated by:** Rumbaugh, M.D., Forage and Range Research Lab., USDA-ARS, Utah State University, Logan, Utah, United States; and Graves, W., Cooperative Agricultural Extension, 5556 Overland Avenue, Building 4, San Diego, California, United States. Received January 1986.

- PI 517040 donor id: GR 14. origin: Morocco. collected: July 03, 1983. locality: Opening in *Quercus subra* forest, sandy to sandy loam, 20km from Sale to Meknes on Road P 1. Wild. Seed.
- PI 517041 donor id: GR 17. origin: Morocco. collected: July 03, 1983. locality: 4km from Sidi-Allal-Bahraoui toward Kenitra on Road P 29. received as: *S. sulcata*. Wild. Seed.
- PI 517042 donor id: GR 27. origin: Morocco. collected: July 04, 1983. locality: Red-brown sandy loam, 19km from Rabat to Kenitra on Road P 2, Plage-des-Nations. Wild. Seed.
- PI 517043 donor id: GR 276. origin: Morocco. locality: Heavily grazed drainage way near hwy, 15km SE of Tiflet on Road S 209. elevation: 300m. Wild. Seed.
- PI 517044 donor id: GR 319. origin: Morocco. collected: July 06, 1983. locality: Shallow red loam soil, heavily grazed area, slopes to S, 15.5km NW of Maaziz on Road S 204. elevation: 450m. Wild. Seed.
- PI 517045 donor id: GR 837. origin: Morocco. collected: August 09, 1983. locality: Coastal region, heavy caliche soil, eroded, 1 km E of Tangiers on Road S 704. elevation: 30m. remarks: 800mm ppt/yr. Wild. Seed.

PI 517046 to 517050. *Scorpiurus vermiculatus* L. FABACEAE

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- PI 517046 donor id: GR 16. origin: Morocco. collected: July 03, 1983. locality: Opening in *Quercus subra* forest, sandy to sandy loam soil, 20km E of Sale on Rabat-Meknes Road P 1. Wild. Seed.
- PI 517047 donor id: GR 277. origin: Morocco. collected: July 06, 1983. locality: Heavily grazed, drainage way near hwy, 15km SE of Tiflet on Road S 209. elevation: 300m. Wild. Seed.